

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	48	(stall blocked stalled stalling) near3 brush near3 motor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/23 07:57
L2	23	(stall stalling) near3 (protecting protector protection) and brush near3 motor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/23 07:50
L3	53	("3937974"   "4162435"   "4240015"   "4322668"   "4403177"   "4490661"   "4494058"   "4651069"   "4678973"   "4694210"   "4883982"   "4928043"   "4992169"   "4992710"   "5001405"   "5017845"   "5017846"   "5019756"   "5023527"   "5023528"   "5028852"   "5043642"   "5053686"   "5075608"   "5117165"   "5125067"   "5187417"   "5196771"   "5206567"   "5208518"   "5210474"   "5227704"   "5233275"   "5241247"   "5245256"   "5254914"   "5254918"   "5298838"   "5325026"   "5327053"   "5334917"   "5336956"   "5343127"   "5349257"   "5350987"   "5367234"   "5376866"   "5378967"   "5382889"   "5382890"   "5384527"   "5389862"   "5397972").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/23 07:40
L4	1	("5675464").URPN.	USPAT	OR	ON	2006/10/23 07:41
L5	33	(stall stalling) near3 (protecting protector protection) and speed near2 (sensing sensor detect detecting detector detection) and motor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/23 07:58
L6	7	("3876919"   "4025808"   "5086243"   "5517067"   "5783924"   "6153993"   "6664698").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/23 07:44
L7	14	("3191114"   "3306210"   "3413535"   "3515971"   "3778694"   "4028601"   "4245370"   "4322668"   "4470092"   "4504881").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/23 07:46
L8	5	("3600657"   "3727103"   "4016468"   "4194145"   "4251846").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/23 07:47
L9	1	("4547720").URPN.	USPAT	OR	ON	2006/10/23 07:49
L10	2037	below near2 speed near2 threshold	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/23 07:49
L11	4	(stall stalling) near3 (protecting protector protection) and 10	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/23 07:52

## EAST Search History

L12	223	(stall stalling) and 10	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/23 07:50
L13	7	12 and brush near3 motor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/23 07:51
L14	241	low near3 speed near2 relay and high near2 speed near2 relay	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/23 08:35
L15	1	(stall stalling) near3 (protecting protector protection) and 14	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/23 07:52
L16	13	(stall stalling) and 14	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/23 07:52
L17	4	("3448433").URPN.	USPAT	OR	ON	2006/10/23 07:54
L18	9241	(stall blocked stalled stalling) near3 (sens\$3 detect\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/23 07:57
L19	519	18 and speed near2 (sensing sensor detect detecting detector detection) and motor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/23 08:29
L20	136	19 and relays	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/23 07:58
L21	5	("3760246"   "3898937"   "4012680"   "4028597"   "4292531").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/23 08:07

## EAST Search History

L22	18	("3452210"   "4022164"   "4319327"   "4344398"   "4345557"   "4376428"   "4387681"   "4402217"   "4402289"   "4405031"   "4406261"   "4406262"   "4411171"   "4419610"   "4520777"   "4545449"   "Re31582").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/23 08:28
L23	31503	(two dual variable) near2 speed near3 motor	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/23 08:28
L24	38406	(two dual variable) near2 speed near3 motor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/23 08:28
L25	49	underspeed near2 (sensing sensor detect detecting detector detection) and motor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/23 08:33
L26	2	underspeed near2 (sensing sensor detect detecting detector detection) and brush near2 motor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/23 08:35
L27	8	underspeed near2 (sensing sensor detect detecting detector detection) and brush	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/23 08:34
L28	613	low near3 speed near2 contact and high near2 speed near2 contact	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/23 08:35
L29	0	underspeed near2 (sensing sensor detect detecting detector detection) and 28	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/23 08:36
L30	0	(stall stalling blocked near3 motion blocking near2 motion) near2 (sensing sensor detect detecting detector detection) and 28	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/23 09:06
L31	93	(stall stalling blocked near3 motion blocking near2 motion) near2 (sensing sensor detect detecting detector detection) and low near2 speed and high near2 speed	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/23 10:14

## EAST Search History

L32	150	(lock near2 up locked near2 up locking near2 up) and brush near2 motor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/23 09:10
L33	120	32 and speed	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/23 08:44
L34	0	(stall stalling blocked near3 motion blocking near2 motion) near2 (sensing sensor detect detecting detector detection) and 14	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/23 09:07
L35	14	(stall stalling blocked near3 motion blocking near2 motion) and 14	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/23 09:07
L36	603	(lock near2 up locked near2 up locking near2 up) and DC near2 motor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/23 09:11
L37	217	36 AND SPEED NEAR2 (SENS\$3 DETECT\$3 monitor\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/23 10:39
L38	21	("3873897"   "4150303"   "4415844"   "4514667"   "4535275"   "4599548"   "4720663"   "4734627"   "4739240"   "4748386"   "4763060"   "4804892"   "4882523"   "4979055"   "5017846"   "5206567"   "5222009"   "5341651"   "5349275"   "5867155"   "Re33379").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/23 09:45
L39	6	("3916865"   "4313351"   "4345663"   "4410398"   "4540060"   "4747460").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/23 09:55
L40	592	(361/23).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/10/23 10:18
L41	36	(stall stalling blocked near3 motion blocking near2 motion) and 40	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/23 10:18
L42	324	(361/20).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/10/23 10:19

## EAST Search History

L43	5	(stall stalling blocked near3 motion blocking near2 motion) and 42	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/23 10:32
L44	195	(361/25).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/10/23 10:19
L45	14	("20040052510"   "4290145"   "4408244"   "4550277"   "4609854"   "4626753"   "4849677"   "5123081"   "5134351"   "5311615"   "5341077"   "6556404"   "6603277"   "6614194").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/23 10:22
L46	5	("4404485"   "4532458"   "5216339"   "5670837"   "5757154").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/23 10:23
L47	23	("0517105"   "0542667"   "0669299"   "0857165"   "1406367"   "1416265"   "1857202"   "2199601"   "2761074"   "3387151"   "3820000"   "4264847"   "4827897").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/23 10:32
L48	502	(361/24,26,29).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/10/23 10:32
L49	36	(stall stalling blocked near3 motion blocking near2 motion) and 48	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/23 10:33
L50	37	(stall stalling blocked near3 motion blocking near2 motion lock near2 up locking near2 up) and 48	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/23 10:38
L51	52742	("318").CLAS.	US-PGPUB; USPAT	OR	OFF	2006/10/23 10:38
L52	1342	(stall stalling blocked near3 motion blocking near2 motion lock near2 up locking near2 up) and 51	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/23 11:04
L53	360	52 AND SPEED NEAR2 (SENS\$3 DETECT\$3 monitor\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/23 11:04
L54	3171	(318/254).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/10/23 11:04
L55	128	(stall stalling blocked near3 motion blocking near2 motion lock near2 up locking near2 up) and 54	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/23 11:49
L56	1	("5675464").PN.	US-PGPUB; USPAT	OR	OFF	2006/10/23 11:41

## EAST Search History

L57	255	(361/24).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/10/23 11:48
L58	0	siemens near2 vdo near2 automobile.as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/23 11:49
L59	4503	siemens near3 automotive.as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/23 11:49
L60	63	(stall stalling blocked near3 motion blocking near2 motion lock near2 up locking near2 up) and 59	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/23 11:56
L61	0	(DC near2 brush near2 motor and speed near2 sensing and stall near2 condition and relay).clm.	US-PGPUB	OR	ON	2006/10/23 11:52
L62	1	(DC near2 brush near2 motor and speed near2 sensing and stall near2 condition and relay).clm.	US-PGPUB	OR	ON	2006/10/23 11:56
L63	75	dragoi.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/23 11:56
L64	12	(stall stalling blocked near3 motion blocking near2 motion lock near2 up locking near2 up) and 63	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/23 11:57
S1	1547	brush near3 motor and speed near3 (sensing sensor detect detector detection measure measuring monitor)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/20 10:14
S2	341	S1 and relay	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/23 07:34
S3	1	("5675464").PN.	US-PGPUB; USPAT	OR	OFF	2006/10/20 09:49

## EAST Search History

S4	53	("3937974"   "4162435"   "4240015"   "4322668"   "4403177"   "4490661"   "4494058"   "4651069"   "4678973"   "4694210"   "4883982"   "4928043"   "4992169"   "4992710"   "5001405"   "5017845"   "5017846"   "5019756"   "5023527"   "5023528"   "5028852"   "5043642"   "5053686"   "5075608"   "5117165"   "5125067"   "5187417"   "5196771"   "5206567"   "5208518"   "5210474"   "5227704"   "5233275"   "5241247"   "5245256"   "5254914"   "5254918"   "5298838"   "5325026"   "5327053"   "5334917"   "5336956"   "5343127"   "5349257"   "5350987"   "5367234"   "5376866"   "5378967"   "5382889"   "5382890"   "5384527"   "5389862"   "5397972").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/20 09:50
S5	1	("5675464").URPN.	USPAT	OR	ON	2006/10/20 09:51
S6	492	DC near3 brush near3 motor and speed near3 (sensing sensor detect detector detection measure measuring monitor)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/20 09:53
S7	77	S6 and relay	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/20 09:53
S8	492	motor and speed near3 (sensing sensor detect detector detection measure measuring monitor) and stall and relay	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/20 12:09
S9	22	motor and speed near3 (sensing sensor detect detector detection measure measuring monitor) and stall near3 (protect protecting protector protection) and relay	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/20 09:55
S10	4	("5389862"   "6342746"   "6563248"   "6838848").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/20 09:56
S11	7	("3876919"   "4025808"   "5086243"   "5517067"   "5783924"   "6153993"   "6664698").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/20 09:57
S12	1783	stall near3 (sensing sensor detect detector detection measure measuring monitor)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/20 10:01
S13	204168	speed near3 (sensing sensor detect detector detection measure measuring monitor)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/20 10:01

## EAST Search History

S14	300	S12 and S13	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/20 11:40
S15	71	S14 and relay	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/20 10:01
S16	6	("4056765"   "4198945"   "4955336"   "5905315"   "5970936"   "5992365").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/20 10:02
S17	3	("4198945"   "4947051"   "5743227").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/20 10:11
S18	253	dual near2 speed near2 motor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/20 10:11
S19	45	S18 and S13	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/20 10:11
S20	1888	(reduce reduced reducing) near2 speed near3 (sensing sensor detect detector detection measure measuring monitor)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/20 10:14
S21	1651	S13 and S20	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/20 10:14
S22	21	brush near3 motor and S21	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/20 10:16
S23	19	((("3931557") or ("4205639") or ("4623826") or ("4683411") or ("4695779") or ("4721083") or ("5012168") or ("5017846") or ("5335307") or ("5408164") or ("5459661") or ("5630009") or ("5659452") or ("5675464") or ("5760556") or ("5761018") or ("6034494") or ("6087791") or ("6201369")).PN.	US-PGPUB; USPAT	OR	OFF	2006/10/20 10:18



## EAST Search History

S24	23	("2306810"   "2689933"   "3086238"   "3247435"   "3684938"   "3701934"   "3716766"   "3919612"   "4131834"   "4306264"   "4314186"   "4320329"   "4499410"   "4625157"   "4634944"   "4636698"   "4686599"   "4689536"   "4984123").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/20 10:20
S25	5	("2689933").URPN.	USPAT	OR	ON	2006/10/20 10:21
S26	23	("2304599"   "2689933"   "2734158"   "2752548"   "2967269"   "2972708"   "2986685"   "3167699"   "3821602"   "3978382"   "4082989"   "4263540"   "4341987").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/20 10:28
S27	11	("4384312").URPN.	USPAT	OR	ON	2006/10/20 10:29
S28	3	("3086238").URPN.	USPAT	OR	ON	2006/10/20 10:34
S29	8	("3383561"   "3427506"   "3551775"   "3569810"   "3576485").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/20 10:35
S30	40	(dual two multi multiple variable) near2 speed and brush near2 motor and relay and stall	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/20 10:37
S31	41	(dual two multi multiple variable) near2 speed and brush near2 motor and relay and stall	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/20 12:31
S32	48	low near2 speed and high near2 speed and brush near2 motor and relay and stall	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/20 11:35
S33	8	("3389321"   "3536977"   "3906322"   "3931557"   "4145728"   "4163999").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/20 11:01
S34	24	("4314186").URPN.	USPAT	OR	ON	2006/10/20 11:01
S35	20	("2965913"   "3573584"   "3869654"   "4314186"   "4317073"   "4336482"   "4339698"   "4492904"   "4585980"   "4607198"   "4614903"   "4620141"   "4663575"   "4670695"   "4710878"   "4857815"   "4947092"   "5239244"   "5493190").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/20 11:02
S36	2	("6069461").URPN.	USPAT	OR	ON	2006/10/20 11:03
S37	135	S12 and low near2 speed and high near2 speed	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/20 11:21
S38	102	S37 and motor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/20 11:21
S39	3	("4542325"   "5075519"   "5525879").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/20 11:35

## EAST Search History

S40	239	low near2 speed near3 resistor and motor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/20 11:35
S41	19	low near2 speed near3 resistor and brush near2 motor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/20 11:39
S42	1257	low near2 speed near5 relay	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/20 11:39
S43	3301	high near2 speed near5 relay	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/20 11:39
S44	627	S42 and S43	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/20 11:39
S45	1	S12 and S44	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/20 11:40
S46	23	stall and S44	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/20 12:05
S47	1	("5630009").PN.	US-PGPUB; USPAT	OR	OFF	2006/10/20 12:05
S48	71	S12 and speed near3 (sensing sensor detect detector detection measure measuring monitor) and stall and relay	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/20 12:18

## EAST Search History

S49	300	S12 and speed near3 (sensing sensor detect detector detection measure measuring monitor)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/20 12:40
S50	72	S49 and (DC brush) near3 motor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/20 12:19
S51	228	S12 and (DC brush) near3 motor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/20 12:47
S52	97	S51 and speed near2 (control controller controlling)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/20 12:25
S53	1	("5264766").PN.	US-PGPUB; USPAT	OR	OFF	2006/10/20 12:28
S54	1	("4314186").PN.	US-PGPUB; USPAT	OR	OFF	2006/10/20 12:29
S55	1	("5694011").PN.	US-PGPUB; USPAT	OR	OFF	2006/10/20 12:29
S56	3	("4542325"   "5075519"   "5525879").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/20 12:29
S57	6	("5694011").URPN.	USPAT	OR	ON	2006/10/20 12:30
S58	52	(dual two multi multiple variable) near2 speed and (DC brush) near2 motor and S12	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/20 12:32
S59	61	stall near3 speed near3 (sensing sensor detect detector detection measure measuring monitor)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/20 12:46
S60	4	("5389862"   "6342746"   "6563248"   "6838848").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/20 12:41
S61	2641	(reduce reducing reduced) near3 speed near3 (sensing sensor detect detector detection measure measuring monitor)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/20 12:46

## EAST Search History

S62	124	S61 and (DC brush) near3 motor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/20 12:51
S63	465	speed near2 threshold and (DC brush) near3 motor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/20 12:58
S64	48	S63 and stall	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/20 12:54
S65	135	S12 and low near2 speed and high near2 speed	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/20 12:54
S66	351	(blocked blocking block stall stalled overheat overheating) near2 (DC brush) near3 motor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/20 12:59
S67	48	S66 and relay	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/20 12:59

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L62	1	(DC near2 brush near2 motor and speed near2 sensing and stall near2 condition and relay).clm.	US-PGPUB	OR	ON	2006/10/23 11:52